### Product Details

**Applications**

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td>-</td>
<td></td>
<td></td>
<td>1/50 - 1/200</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>Immunofluorescence</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**Target Species**

Guinea Pig

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)

**Carrier Free**

Yes

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Nylon wool adherent B cells

**Fusion Partners**

Spleen cells from immunized BALB/c mice were fused with cells from the NS1 mouse myeloma cell
Specificity

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 recognizes an antigen present on the majority of T and B lymphocytes and thymocytes, although the antigen is not expressed by germinal centre cells of the lymph node (Kraal et al. 1986).

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 also reacts strongly with epidermal Langerhans cells, giving a superior profile than anti-MHC Class II antibodies on these cells (Healey et al. 1987).

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 has the same distribution as Mouse anti Guinea Pig CD90 antibody, clone CT4 which detects an antigen reportedly involved in the organ non-specific trafficking of guinea pig lymphocytes (Kraal et al 1988). However, unlike clone CT4, clone MsGp2 does not functionally inhibit lymphocyte adherence to high endothelial venules in vitro (Healey et al. 1987).

References


Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) | HRP
Rabbit Anti Mouse IgG (STAR12...) | RPE
Rabbit Anti Mouse IgG (STAR8...) | DyLight®800
Rabbit Anti Mouse IgG (STAR13...) | HRP
Goat Anti Mouse IgG (STAR76...) | RPE
Goat Anti Mouse IgG (STAR70...) | FITC
Goat Anti Mouse IgG (Fc) (STAR120...) | FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) | FITC
Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

**Recommended Useful Reagents**

**MOUSE ANTI GUINEA PIG T LYMPHOCYTES (MCA564GA)**

North & South America
Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide
Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe
Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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